

West Lake/Bridgeton Landfill Community Advisory Group

February 8, 2016 Meeting Minutes

Meeting called to order at 6:35 pm by Doug Clemens.

Roll Call of Exec Board in attendance:

Chair: Doug Clemens

Vice-Chair: Bob Nowlin

Treasurer: Rhonda Steelman

Secretary: vacant

Members At Large: Bill Wilson,

Other attendees/organizations representative in attendance:

Terrie Boguski, SKEO – TASC

Terry Briggs, Mayor of Bridgeton

Mark Diedrich, St. Louis County Emergency Management

Brendan Fahey, representing Claire McCaskill's office

Jordan Fears, representing AnnWagner's office

Harvey Ferdman, Mo. Rep. Bill Otto's office

Jerry Grimmer, Councilman – City of Bridgeton

Randy Hein, Councilman – City of Bridgeton

Jennifer Hoskins, representing Roy Blunt's office

Robyn Kiefer, U. S. Army Corp of Engineers

Lorena Locke , DHSS

Tom Mahler – EPA

Elizabeth Semkiw, DHSS

Ed Smith, Safe Energy Director, MO Coalition for the Environment

Ryan Tilley, St. Charles County Dept. of Health

Brad Vann, West Lake Landfill Remedial Project Manager, Region 7

Ben Washburn, EPA Community Involvement Coordinator, Region 7

Mike Zlatic, St. Louis County Dept of Health

Technical Committee Report by Ed Smith, MCE

- Committee met with EPA Region 7 on last Tuesday.
- EPA created a 3rd Operable Unit encompassing all groundwater contamination at the site.
- EPA will be releasing the Quality Assurance plan for soil sampling – plan released 3/24/2016 and Can be reviewed at EPA website.
- Project/milestone chart and risk assessments
- EPA working on Fire experiment pulled radioactive material from landfill sent to lab for heat testing up to 300 degrees C. Results soon to be posted on EPA website.
- Groundwater well in North quarry showing contamination by elevated levels of radium. Community requested additional testing.

Executive Committee Report: Exec Committee met with EPA Community Dialog Consultants from Adamant Accord: Cindy Cook & Dain Maddox. Thank you to EPA for actions occurring at landfill recently. Expanding soil sampling , fire mitigation.

- Review of Minutes from October 2015 meeting: Approved
- Review of Treasurer's Report thru Dec. 31, 2015: Approved (see attached)
- Documents added to CAG website (www.westlakecag.org/documents)
 - Westlake Landfill Phytoforensic Assessment using Gamma Spectroscopy 2016

- Westlake Landfill Tree Core Analysis – State of Mo. 2016
- Tracking Legacy Radionuclides in St. Louis 2016

Bradley Vann –EPA Region 7 project manager reported the following status:

- Environmental journal article reviewed by EPA
- Dec. 9, 2015 EPA ordered a fire mitigation plan from PRPs
- EPA working on incident mgt plan forthcoming. 8 inches rock & gravel on top + permeable membrane
- EPA exploring new Operable Unit #3 for groundwater underneath landfill, classified as Superfund process with its own Feasibility Study and ROD to be issued. Decision will not be impacted by decision on OU#1.
- EPA looking at past remedy decision some areas were missing data
- EPA negotiating work plans for OU1 isolation barrier– Phase1 A, B, C, D
- Step out testing radwaste was completed late July, data being reviewed by EPA, sent to PRPs to review results with almost 100% EPA oversight (eyes on the ground). Onsite coordinators participated to insure PRPs were testing/drilling...data at lab is forthcoming.
- Dec.9, 2015 reissued the admin order for the whole site remedy, did not have a defensible schedule.
- End year 2016 is target for overall remedy decision for whole site.
- Surface fire and rainfall runoff on Dec9 order to have non-combustible cover put in place – temporary until final decision is made. Working thru workplans EPA, intent to start Feb 2016 with EPA oversight. Make sure all areas of RIM are identified, brush cleared away, geofabric laid.
- Isolation Barrier order under negotiations between EPA and PRPs...there will be an order this year 2016.
- New OU#3 groundwater superfund project site - all contaminants concerned from all landfills. Plans to issue an order to be paid by PRPs karster
- Justin Barker will be joining Brad Vann's team leading OU#3 project. Tom Mallard is nuclear engineer on the project and is onsite coordinator.
- December 2015 flood , several calls received from community. EPA contacted MoDNR to respond who sent representative immediately and have issued the report from State . EPA rainfall from Bridgeton landfill over to WestLake – should not have carried RIM offsite. EPA has ordered to take sediment samples in drainage site outfalls around (seven locations) 3 onsite and 4 perimeter. "lead us where it goes" ..analyze samples and if find something, take action. Determine if controlled area or uncontrolled, determine control processes in place. Also going to look at sediment tests offsite and determine background.
- Dec. 28 Environmental Journal being looked at by EPA , USACE
- Pyrolysis study – SSE what happens the SSE reaches the Rim, what will happen? Experts debated

Scenarios

1. If it heats up would there be particulates that come off the site?
2. Everything dries out, what happens to Radon?

EPA had to develop tests. Samples have been taken and sent to Southwest SWRI Using actual RIM for tests – radon emanation 300 degrees F.

Leachate test procedure – find method that is defensible and can be used.

Particulate testing – struggling to identify a suitable test method?

Q&A

1. Chuck Bell – Will Moms group be allowed to visit EPA building this week and visit with Gina McCarthy? Response: Lynn Slugant (EPA) – unknown.

2. Tanya Mason – Ou2 has it been tested for RIM? No, How can a barrier go up if testing has not identified whether RIM exists in OU2 or not? EPA tested for a year the air around showed no RIM? History can't be trusted, we need OU2 tested before isolation barrier construction.

Doug Clemens: CAG position – we would like to see grid testing throughout the entire site.

3. (Community resident) Thanks to Federal officials – Blunt, McCaskill – thank you for legislative action. Thanks Terry Briggs, Mayor. Why is the EPA just now setting up quality assurance plans ?

Response: EPA produced a ROD in 2008-09, 2011 EPA had to evaluate costs greater than \$25 million, At that time, Reviewers recommended capping, excavation and onsite storage, excavation and move offsite, and partial excavation. Pyrolysis identified. All actions require additional data be gathered.

4. Byron Clemens -Who is testing our drinking water? This is all upstream. Is someone helping MAW and MSD with appropriate testing for Uranium 235, 238 , Thorium to insure our drinking water safety?

Response: Currently testing under jurisdiction of MAW where water supply is tested and results are not of concern. Groundwater supply testing from EPA. EPA does not see U235 at WestLake.

5. Harvey Ferdman

1. Can we ask EPA to review what MAW is currently testing and get back to this community?
2. Stepout process – 8-9 stepout processes have been done so far, each one continues to find RIM. Please give us explanation of stepout vs grid being appropriate process.

6. Randy Hein - Thanks to City of Bridgeton police chief for the department's coverage of tonight's meeting. What are the dates of sampling?

Response: end of Dec 2015, sent to lab Jan 2016 for analysis.

7. Kirbi Pemberton - Does EPA plan to go back to BMAC to retest? 2 inches insufficient. Ballparks need to be retested at deeper level.

Doug Clemens: CAG officially requests BMAC be tested at deeper levels.

Air pollution in this area is under MoDNR, CAG officially requests EPA be involved for oversight.

8. Byron DeLear - If EPA were presented with documentary evidence of SNM at the site, what would change. radioactive. What is procedural standpoint of EPA. It would open contaminants not found so far, SNM is not regulated by EPA. Nuclear fuel cycle – plutonium. Seems potential SNM has been also dumped at WestLake. Which federal agency would be engaged? SNM = special nuclear material.

Response: Depends on what is found and how much. Opens a whole host of questions.

Status Report from Dr. Khan – St. Louis County Health Services

In 2015 we started a process to look at health issues as result of living near the landfill. Implementing a study of the public. Respiratory Health Survey for residents in 2 mile survey , based on CDC – KASPAR process. Asthma, chronic pulmonary. Our department met with Mayor of Bridgeton and Police Chief. Staff will be going door to door to interview, not every household will be interviewed. 2 page survey 15 minutes. Excellent cooperation with nursing schools . See Westlake-bridgeton.doh@stlouisco.com . Survey begins Feb 22, 2016, take 6 days. 3 attempts between 9am – 7pm at each address. Plans to complete 1st week of March 2016. Begin data analysis. Draft report ready by 3rd week of June 2016. Faculty of UMSL is overseeing. CDC was stunned that local Health dept is doing this themselves rather than engaging CDC.

Thank you St. Louis County for pro-active actions and City of Bridgeton participation.

800 households in 2mile radius...sample base 420 . 4300 households in total– 1 head household will answer for entire family.

Motion to Close meeting: Randy Hein. Motion Second: Mike Mason.

Meeting Closed at 8:15 pm

Estimated Total Attendance: 60

REPORT OF THE TREASURER OF

Westlake Landfill / Bridgeton Landfill Community Advisory Group

FOR THE Month Ending: Sept 30, 2015 AMENDED

Receipts.

Balance July 31, 2015 \$ 394.28

Donations (8-19-2015 Paypal) 25.00

Paypal fees (8-19-2015 Paypal) (1.03)

Balance on hand Sept. 30, 2015..... \$ 418.25

Montgomery Bank \$ 394.28

PayPal \$ 23.97

Rhonda Steelman, Treasurer Date: Sept.30, 2015
Amended 4-2-2016

REPORT OF THE TREASURER OF

Westlake Landfill / Bridgeton Landfill Community Advisory Group

FOR THE Month Ending: Dec. 31, 2015 AMENDED

Receipts.

Balance Sept 30, 2015 \$ 418.25

Expenses:

Ck #1005 meeting document copies 67.16

10/08/15 GoDaddy domain renewal 18.17 *paypal*

Balance on hand Dec. 31, 2015..... \$ 332.92

Montgomery Bank \$ 327.12

PayPal \$ 5.80

Rhonda Steelman, Treasurer Date: Feb 8, 2016
Amended 4-2-2016